

FUEL REFORMER SYSTEM

ABSTRACT OF THE DISCLOSURE

A method of main reformer startup is disclosed. The method comprises introducing a first supply of fuel and a first supply of air into a micro-reformer. The first supply of fuel is increased to produce a heated reformate in the micro-reformer. The heated reformate is directed through a main reformer in order to heat the main reformer. At least a portion of the heated reformate is burned in the main reformer. A second supply of fuel and a second supply of air is introduced into the main reformer to produce a main supply of reformate. A method for maintaining a vehicle device in standby condition is also disclosed.

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